23- S1-Q4 Q(a) 不考

(b) ① Describe the brightness constancy Solution $Z(\pi, y, t) = Z(\pi + u, y + v, t + 1)$

② periving the Bijghtness constancy constraint $L(x+u, y+v, t+1) \approx L(x, y, t) + \frac{\partial Z}{\partial x} u + \frac{\partial Z}{\partial y} v + \frac{\partial Z}{\partial t} \cdot 1$ Since L(x, y, t) = Z(x+u, y+v, t+1)

So, we have $I_{\times}u+I_{y}v+I_{z}=0$ optical flow constraint equator

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cい 不参 (d) 不孝